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Run on: February 14, 2005, 19:29:08 ; Search time 76 Seconds
(without alignments)
645.899 Million cell updates/sec

Title: SEQ1-191TO220
Perfect score: 30
Sequence: 1 taatatatgtctgtatatatgtatatgt 30

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 1202784 seqs, 818138359 residues

Total number of hits satisfying chosen parameters: 2405568

Minimum DB seq length: 0 Maximum DB seq length: 0

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents NA:*

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2: /cgn2_6/ptodata/1/ina/5B_COMB.seq: *

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5: /cgn2_6/ptodata/1/ina/PC75_COMB.seq: *

6: /cgn2_6/ptodata/1/ina/backfiles1.seq: *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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Result No. Score Query Length DB ID

Description

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c 1	29.6	98.7	30324	4	US-09-949-016-16037	Sequence 16037, A
c 2	21.8	72.7	601	4	US-09-949-016-52103	Sequence 52103, A
c 3	21.8	72.7	264206	4	US-09-949-016-12731	Sequence 12731, A
c 4	21.8	72.7	264304	4	US-09-949-016-13249	Sequence 13249, A
c 5	21.2	70.7	4	US-09-949-016-3385	Sequence 3385, AP	
c 6	21.2	70.7	3225	4	US-09-949-016-4024	Sequence 4024, AP
c 7	20.8	69.3	138282	4	US-09-949-016-15307	Sequence 15307, A
c 8	20.2	67.3	601	4	US-09-949-016-45077	Sequence 45077, A
c 9	20.2	67.3	35574	4	US-09-949-016-11843	Sequence 11843, A
c 10	20.2	67.3	35574	4	US-09-949-016-14511	Sequence 14511, A
c 11	20.2	67.3	165651	4	US-09-949-016-13032	Sequence 13032, A
c 12	20.2	67.3	253375	4	US-09-949-016-12849	Sequence 12849, A
c 13	20.2	67.3	253375	4	US-09-949-016-12849	Sequence 12849, A
c 14	19.8	66.0	1457	4	US-09-949-016-185760	Sequence 185760, A
c 15	19.8	66.0	1473	4	US-09-949-016-80542	Sequence 42, AP1
c 16	19.6	65.3	311	4	US-09-513-99C-12912	Sequence 12912, A
c 17	19.6	65.3	373	4	US-09-513-999C-12913	Sequence 12913, A
c 18	19.6	65.3	501	4	US-09-513-999C-3844	Sequence 3844, AP
c 19	19.6	65.3	601	4	US-09-949-016-132114	Sequence 132114, A
c 20	19.6	65.3	43392	4	US-09-949-016-15466	Sequence 15466, A
c 21	19.6	65.3	103712	4	US-09-949-016-13058	Sequence 13058, A
c 22	19.2	64.0	601	4	US-09-949-016-132115	Sequence 132115, A
c 23	19.2	64.0	1764	4	US-09-620-312548	Sequence 548, AP
c 24	19.2	64.0	49487	4	US-09-949-016-15721	Sequence 15721, A
c 25	19.2	63.3	624	4	US-09-270-767-4747	Sequence 4747, AP
c 26	19.2	63.3	624	4	US-09-270-767-4747	Sequence 20029, A
c 27	19.2	63.3	33001	4	US-09-539-333D-199	Sequence 199, AP

ALIGNMENTS

RESULT 1
US-09-949-016-16037
; Sequence 16037, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENIER, J. Craig et al.
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498

Sequence 2102, AP
Sequence 17039, A
Sequence 14000, A
Sequence 11760, A
Sequence 15974, A
Sequence 132112, A
Sequence 12239, A
Sequence 14595, A
Sequence 15466, A
Sequence 185761, A
Sequence 185757, A
Sequence 88845, A
Sequence 154502, A
Sequence 162928, A
Sequence 195810, A
Sequence 14621, A
Sequence 1, Appli

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; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FASTSEQ for Windows Version 4.0
; SEQ ID NO: 52103
; LENGTH: 601
; TYPE: DNA
; ORGANISM: Human
; US-09-949-016-52103

Query Match 72.7%; Score 21.8; DB 4; Length 601;
Best Local Similarity 85.2%; Pred. No. 7,7; Matches 23; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
QY 1 TAAATATGCTCTGTRATATGTTAT 27
Db 87 TATATATGCGCTATATATGCTAT 61

RESULT 3
US-09-949-016-12731
; Sequence 12731; Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 12731
; LENGTH: 264206
; TYPE: DNA
; ORGANISM: Human
; US-09-949-016-12731

Query Match 72.7%; Score 21.8; DB 4; Length 264206;
Best Local Similarity 85.2%; Pred. No. 21; Matches 23; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
QY 1 TAAATATGCTCTGTRATATGCTAT 27
Db 87 TATATATGCGCTATATATGCTAT 61

RESULT 4
US-09-949-016-13249
; Sequence 13249; Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 13249
; LENGTH: 264304
; TYPE: DNA
; ORGANISM: Human
; US-09-949-016-13249

Query Match 72.7%; Score 21.8; DB 4; Length 601;
Best Local Similarity 85.2%; Pred. No. 7,7; Matches 23; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
QY 1 TAAATATGCTCTGTRATATGCTAT 27
Db 87 TATATATGCGCTATATATGCTAT 61

RESULT 5
US-09-710-279-3385
; Sequence 3385; Application US/09710279
; Patent No. 6703492
; GENERAL INFORMATION:
; APPLICANT: KIMMELLY, WILLIAM JOHN
; TITLE OF INVENTION: STAPHYLOCOCCUS EPIDERMIDIS NUCLEIC ACIDS AND PROTEINS
; FILE REFERENCE: PU3480US
; CURRENT APPLICATION NUMBER: US/09/710,279
; CURRENT FILING DATE: 2000-11-09
; PRIOR APPLICATION NUMBER: 60/164,358
; PRIOR FILING DATE: 1999-11-09
; NUMBER OF SEQ ID NOS: 4472
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 3385
; LENGTH: 2982
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: nucleic acid sequence
; US-09-710-279-3385

Query Match 70.7%; Score 21.2; DB 4; Length 2982;
Best Local Similarity 82.1%; Pred. No. 18; Matches 23; Conservative 1; Mismatches 4; Indels 0; Gaps 0;
QY 3 AATATGCTCTGTRATATGCTAT 30
Db 42 AATGACCTGCTATATGCTTATGCT 69

RESULT 6
US-09-710-279-4024
; Sequence 4024; Application US/09710279
; Patent No. 6703492
; GENERAL INFORMATION:
; APPLICANT: KIMMELLY, WILLIAM JOHN
; TITLE OF INVENTION: STAPHYLOCOCCUS EPIDERMIDIS NUCLEIC ACIDS AND PROTEINS
; FILE REFERENCE: PU3480US
; CURRENT APPLICATION NUMBER: US/09/710,279
; CURRENT FILING DATE: 2000-11-09
; PRIOR APPLICATION NUMBER: 60/164,258
; PRIOR FILING DATE: 1999-11-09
; NUMBER OF SEQ ID NOS: 4472
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 4024
; LENGTH: 3226
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: nucleic acid sequence
; US-09-710-279-4024

Query Match 70.7%; Score 21.2; DB 4; Length 3226;
Best Local Similarity 82.1%; Pred. No. 18; Matches 23; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

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RESULT 7
US-09-949-016-15307/c
; Sequence 15307, Application US/09949016
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 15307
; LENGTH: 13822
; TYPE: DNA
; ORGANISM: Human
; US-09-949-016-15307

Query Match 69.3%; Score 20.8; DB 4; Length 13822;
Best Local Similarity 84.6%; Pred. No. 48;
Matches 22; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 2 AATATGCTCTGRTATATGCTAT 27
Db 25404 ATATATGCTATATATATGCTAT 25379

RESULT 8
US-09-949-016-45077
; Sequence 45077, Application US/09949016
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 45077
; LENGTH: 601
; TYPE: DNA
; ORGANISM: Human
; US-09-949-016-45077

Query Match 67.3%; Score 20.2; DB 4; Length 601;
Best Local Similarity 81.5%; Pred. No. 35;
Matches 22; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

Qy 1 TAATATGCTCTGRTATATGCTAT 27
Db 525 TTAATGCTCTGRTATATGCTAT 551

RESULT 9
; Sequence 11843, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 11843
; LENGTH: 35574
; TYPE: DNA
; ORGANISM: Human
; US-09-949-016-11843

Query Match 67.3%; Score 20.2; DB 4; Length 35574;
Best Local Similarity 81.5%; Pred. No. 67;
Matches 22; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

Qy 1 TAATATGCTCTGRTATATGCTAT 27
Db 164 TATATATGCTATATGCTAT 138

RESULT 10
US-09-949-016-14511/c
; Sequence 14511, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 14511
; LENGTH: 35574
; TYPE: DNA
; ORGANISM: Human
; US-09-949-016-14511

Query Match 67.3%; Score 20.2; DB 4; Length 35574;
Best Local Similarity 81.5%; Pred. No. 67;
Matches 22; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

Qy 1 TAATATGCTCTGRTATATGCTAT 27
Db 164 TATATATGCTATATGCTAT 138

RESULT 11
US-09-949-016-13032
; Sequence 13032, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.

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; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; CURRENT APPLICATION NUMBER: US/09/949, 016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 13032
; LENGTH: 155651
; TYPE: DNA
; ORGANISM: Human
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(165651)
; OTHER INFORMATION: n = A,T,C or G
; US-09-949-016-13032

Query Match
Best Local Similarity 67.3%; Score 20.2; DB 4; Length 155651;
Matches 22; Conservative 81.5%; Pred. No. 86; Mismatches 4; Indels 0; Gaps 0;
QY 1 TAATATGCTCTGTRATATGCTAT 27
Db 67257 TTAATGCTCCCTTGTATATGCTAT 67283

RESULT 12
; Sequence 12849, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949, 016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 12849
; LENGTH: 253375
; TYPE: DNA
; ORGANISM: Human
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(253375)
; OTHER INFORMATION: n = A,T,C or G
; US-09-949-016-12849

Query Match
Best Local Similarity 67.3%; Score 20.2; DB 4; Length 253375;
Matches 22; Conservative 81.5%; Pred. No. 92; Mismatches 4; Indels 0; Gaps 0;
QY 1 TAATATGCTCTGTRATATGCTAT 27
Db 5457 TATATATACATGATATATACATAT 5431

RESULT 14
; Sequence 185760, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949, 016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 185760
; LENGTH: 457
; TYPE: DNA
; ORGANISM: Human
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(253375)
; OTHER INFORMATION: n = A,T,C or G
; US-09-949-016-185760

Query Match
Best Local Similarity 67.3%; Score 20.2; DB 4; Length 253375;
Matches 22; Conservative 81.5%; Pred. No. 92; Mismatches 4; Indels 0; Gaps 0;
QY 1 TAATATGCTCTGTRATATGCTAT 27
Db 5116 TATATATACATGATATACATAT 5142

RESULT 15
; Sequence 185760, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949, 016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 185760
; LENGTH: 457
; TYPE: DNA
; ORGANISM: Human
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(253375)
; OTHER INFORMATION: n = A,T,C or G
; US-09-949-016-185760

Query Match
Best Local Similarity 66.0%; Score 19.8; DB 4; Length 457;
Matches 21; Conservative 77.8%; Pred. No. 49; Mismatches 4; Indels 0; Gaps 0;
QY 1 TAATATGCTCTGTRATATGCTAT 27
Db 308 TATATATACATGATATAGATAT 282

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RESULT 13
; Sequence 12849, Application US/09949016
; Patent No. 6812339
; General Information:
; Applicant: VENTER, J. Craig et al.
; Title of Invention: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; File Reference: CL001307
; Current Application Number: US/09/949, 016
; Current Filing Date: 2000-04-14
; Prior Application Number: 60/241,755
; Prior Filing Date: 2000-10-20
; Prior Application Number: 60/237,768
; Prior Filing Date: 2000-09-08
; Number of Seq ID NOS: 207012
; Software: FastSEQ for Windows Version 4.0
; Seq ID No: 13032
; Length: 155651
; Type: DNA
; Organism: Human
; Feature:
; Name/Key: misc_feature
; Location: (1)..(165651)
; Other Information: n = A,T,C or G
; US-09-949-016-13032

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; GENERAL INFORMATION:
; APPLICANT: Worley, Paul F.
; APPLICANT: Lanahan, Anthony
; APPLICANT: Goetz, Bernard
; APPLICANT: Heimisch, Holger
; APPLICANT: Kuner, Rohini
; APPLICANT: Scheek, Sigrid
; APPLICANT: Nikolich, Karoly
; APPLICANT: Zhukovski, Eugene
TITLE OF INVENTION: IMMEDIATE EARLY GENES AND METHODS OF USE
TITLE OF INVENTION: THEREFOR
FILE REFERENCE: 10496/004001
CURRENT APPLICATION NUMBER: US/09/244,805
CURRENT FILING DATE: 1999-02-05
PRIOR APPLICATION NUMBER: 60/074,518
PRIOR FILING DATE: 1998-02-12
PRIOR APPLICATION NUMBER: 60/074,135
PRIOR FILING DATE: 1998-02-06
NUMBER OF SEQ ID NOS: 62
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 42
LENGTH: 1473
TYPE: DNA
ORGANISM: Eukaryote
US-09-244-805-42

Query Match 66.0%; Score 19.8; DB 4; Length 1473;
Best Local Similarity 84.0%; Pred. No. 59;
Matches 21; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
Qy 6 ATGCTCTGGRATATGCTATGCT 30
Db 647 ATGCCTTGAAATCNGCTATGCT 623

Search completed: February 14, 2005, 22:35:59
Job time : 80 secs

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Sequence:	1 taatatgtctgttatatgtatgt 30	
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Total number of hits satisfying chosen parameters:	8780412	
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Post-processing:	Minimum Match 0% Maximum Match 100% Listing first 45 summaries	
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	2: geneseq1990:*	
	3: geneseq2000:*	
	4: geneseq2001:*	
	5: geneseq2001bs:*	
	6: geneseq2002:*	
	7: geneseq2002bs:*	
	8: geneseq2003ab:*	
	9: geneseq2003bs:*	
	10: geneseq2003cs:*	
	11: geneseq2003ds:*	
	12: geneseq2004ab:*	
	13: geneseq2004bs:*	
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SUMMARIES		
Result No.	Score	Query Match Length DB ID
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3	21.2	70.7 3226 4 AAH4660
4	20.8	69.3 1781 13 ADI07041
5	20.6	68.7 6291 4 ABLO646
6	20.6	68.7 32216 5 ABA1618
7	20.6	68.7 39198 5 AAP5867
8	20.6	68.7 46553 4 AAK81745
9	20.6	68.7 46553 4 AAK67926
10	20.6	68.7 59001 12 ADH4712
11	20.6	68.7 167932 10 ADI13501
12	20.4	68.0 4141 4 ABLO5214
13	20.4	68.0 4164 4 ABLO5338
14	20.2	67.3 2967 8 ABT18070
15	20.2	67.3 3423 8 ABT19884
16	20.2	67.3 1554 12 ABM3155
17	20.2	67.3 50000 10 ADC60733
18	20.2	67.3 86592 8 AB22285
19	20.2	67.3 86592 9 AAl57236
20	20.2	67.3 86592 9 AAl60240
ALIGNMENTS		
Result No.	Score	Query Match Length DB ID
1	21.2	70.7 1273 10 ADC7532
2	21.2	70.7 2982 4 AAH5021
3	21.2	70.7 3226 4 AAH4660
4	20.8	69.3 1781 13 ADI07041
5	20.6	68.7 6291 4 ABLO646
6	20.6	68.7 32216 5 ABA1618
7	20.6	68.7 39198 5 AAP5867
8	20.6	68.7 46553 4 AAK81745
9	20.6	68.7 46553 4 AAK67926
10	20.6	68.7 59001 12 ADH4712
11	20.6	68.7 167932 10 ADI13501
12	20.4	68.0 4141 4 ABLO5214
13	20.4	68.0 4164 4 ABLO5338
14	20.2	67.3 2967 8 ABT18070
15	20.2	67.3 3423 8 ABT19884
16	20.2	67.3 1554 12 ABM3155
17	20.2	67.3 50000 10 ADC60733
18	20.2	67.3 86592 8 AB22285
19	20.2	67.3 86592 9 AAl57236
20	20.2	67.3 86592 9 AAl60240
RESULT 1		
ID	ADC87532	standard; DNA; 1273 BP.
XX	ADC87532;	
AC		
XX		
DT	01-JAN-2004	(first entry)
XX		
DE	Human GPCR gene	SEQ ID NO:1985.
XX		
KW	ds; gene; human; GPCR;	
KW	guanosine triphosphate-binding protein coupled receptor; gene therapy.	
XX		
OS	Homo sapiens.	
XX		
PN	EP1270724-A2.	
XX		
PD	02-JAN-2003.	
XX		
PF	18-JUN-2002; 2002EP-00013517.	
XX		
PR	18-JUN-2001; 2001JP-00246789.	
XX		
PA	(NADD-) NAT INST ADVANCED IND SCI & TECHNOLOGY INCUBATIO.	
PA	(ADSC-) CENT ADVANCED SCI & TECHNOLOGY INCUBATIO.	
XX		
PI	Sawa M, Asai K, Akiyama Y, Aburatani H;	
XX		
DR	WPI; 2003-315783/31.	
DR	P-SPB; ADC7533.	
XX		
PS	Claim 1; SEQ ID NO 1985; 28pp; English.	
XX		
PT	New polynucleotide, useful for preparing a composition for treating a patient in need of increased or suppressed activity or expression of the guanosine triphosphate-binding protein coupled receptor.	
XX		
CC	The invention relates to a novel polynucleotide encoding a guanosine triphosphate-binding protein coupled receptor (GPCR). A polynucleotide of the invention may have a use in gene therapy. The polynucleotide and polypeptide are useful for preparing a composition for treating a patient in need of increased or suppressed activity or expression of the guanosine triphosphate-binding protein coupled receptor. The	
CC		

XX (HUMA-) HUMAN GENOME SCI INC. PA
 PT Roben CA, Barash SC, Ruben SM;
 XX DR WPI; 2001-541565/60.
 XX PT Nucleic acids encoding 3224 human nervous system antigen polypeptides, useful for preventing, diagnosing and/or treating nervous system cancers and metastases.
 XX PS Disclosure; SEQ ID NO 8449; 1701pp + Sequence Listing; English.
 XX The invention relates to novel genes (ABA11004-BA21534) and proteins (ABB14678-ABH18001) useful for preventing, treating or ameliorating medical conditions e.g., by protein or gene therapy. The genes are isolated from a range of human tissues disclosed in the specification. The nucleic acids, proteins, antibodies and (anti)agonists are useful in the diagnosis, treatment and prevention of: (a) cancer, e.g. breast and ovarian cancer and other cancers of the adrenal gland, bone, bone marrow, breast, gastrointestinal tract, liver, lung or urogenital; (b) immune disorders e.g. Addison's disease, allergies, autoimmune haemolytic anaemia, autoimmune thyroiditis, diabetes mellitus, Crohn's disease, multiple sclerosis, rheumatoid arthritis and ulcerative colitis; (c) cardiovascular disorders such as myocardial ischaemia; (d) wound healing; (e) neurological diseases e.g. cerebral anoxia and epilepsy; and (f) infectious diseases such as viral, bacterial, fungal and parasitic infections. Note: The sequence data for this parent did not form part of the printed specification, but was obtained in electronic format directly from WIPO at ftp.wipo.int/pub/published_pct_sequences
 XX SQ Sequence 32216 BP; 7528 A; 8136 C; 7649 G; 8903 T; 0 U; 0 Other;
 XX Query Match 68.7%; Score 20.6; DB 5; Length 32216;
 XX Best Local Similarity 79.3%; Pred. No. 1.8e-02; Matches 23; Conservative 1; Mismatches 5; Indels 0; Gaps 0. CC
 XX Oy 2 AATATGCTGTGTTATATGCTATAGCT 30
 XX Db 22719 AATATTCTACTGAGGTCTGTATATGCT 22691
 XX
 RESULT 7
 AAF58057/C
 ID AAF58057 standard; DNA; 39198 BP.
 XX
 AC AAF58057;
 XX DT 26-APR-2001 (first entry)
 DB Human polyamine-modulated factor-1 PMF-1 gene.
 XX Human; polyamine-modulated factor-1; PMF-1; cancer; db.
 KW Homo sapiens.
 OS XX
 PN WO200107610-A1.
 XX PD 01-FEB-2001.
 XX PR 21-JUL-2000; 20000WO-US019994.
 XX PR 23-JUL-1999; 99US-0145347P.
 XX PA (UYJO) UNIV JOHNS HOPKINS SCHOOL MEDICINE.
 XX PI Casero RA, Wang Y, Pegg AE;
 XX DR WPI; 2001-168553/17.
 XX DR P-PSDB; AAB66986.
 XX
 PT New nucleic acid encoding human polyamine-modulated factor-1 for regulating a polyamine-modulated factor-1-responsive, polyamine-dependent

PR 22-AUG-2000; 2000US-0226581P. PR 22-AUG-2000; 2000US-0226588P. PR 22-AUG-2000; 2000US-0227182P. PR 23-AUG-2000; 2000US-022709P. PR 01-SEP-2000; 2000US-028924P. PR 01-SEP-2000; 2000US-0229387P. PR 01-SEP-2000; 2000US-0229343P. PR 01-SEP-2000; 2000US-029344P. PR 05-SEP-2000; 2000US-0229509P. PR 05-SEP-2000; 2000US-022513P. PR 06-SEP-2000; 2000US-0230437P. PR 06-SEP-2000; 2000US-0230438P. PR 08-SEP-2000; 2000US-0231242P. PR 08-SEP-2000; 2000US-0231243P. PR 08-SEP-2000; 2000US-0231244P. PR 08-SEP-2000; 2000US-0231413P. PR 08-SEP-2000; 2000US-0231414P. PR 12-SEP-2000; 2000US-023195P. PR 14-SEP-2000; 2000US-0232397P. PR 14-SEP-2000; 2000US-0232398P. PR 14-SEP-2000; 2000US-0232399P. PR 14-SEP-2000; 2000US-023400P. PR 14-SEP-2000; 2000US-0232401P. PR 14-SEP-2000; 2000US-0233063P. PR 14-SEP-2000; 2000US-0233064P. PR 21-SEP-2000; 2000US-0233065P. PR 21-SEP-2000; 2000US-0234223P. PR 21-SEP-2000; 2000US-0234274P. PR 25-SEP-2000; 2000US-0234997P. PR 25-SEP-2000; 2000US-0234998P. PR 26-SEP-2000; 2000US-0235484P. PR 27-SEP-2000; 2000US-0235834P. PR 27-SEP-2000; 2000US-0235836P. PR 29-SEP-2000; 2000US-0236327P. PR 29-SEP-2000; 2000US-0236367P. PR 29-SEP-2000; 2000US-0236368P. PR 29-SEP-2000; 2000US-0236369P. PR 02-OCT-2000; 2000US-0236802P. PR 02-OCT-2000; 2000US-0237037P. PR 02-OCT-2000; 2000US-0237038P. PR 02-OCT-2000; 2000US-0237039P. PR 02-OCT-2000; 2000US-0237040P. PR 13-OCT-2000; 2000US-023935P. PR 13-OCT-2000; 2000US-023935P. PR 20-OCT-2000; 2000US-0240960P. PR 20-OCT-2000; 2000US-0241221P. PR 20-OCT-2000; 2000US-0241785P. PR 20-OCT-2000; 2000US-0241786P. PR 20-OCT-2000; 2000US-0241808P. PR 20-OCT-2000; 2000US-0241809P. PR 01-NOV-2000; 2000US-0241826P. PR 08-NOV-2000; 2000US-024617P. PR 08-NOV-2000; 2000US-0246414P. PR 08-NOV-2000; 2000US-0246475P. PR 08-NOV-2000; 2000US-0246476P. PR 08-NOV-2000; 2000US-0246477P. PR 08-NOV-2000; 2000US-0246478P. PR 08-NOV-2000; 2000US-0246524P. PR 08-NOV-2000; 2000US-0246525P. PR 08-NOV-2000; 2000US-0246527P. PR 08-NOV-2000; 2000US-0246528P. PR 08-NOV-2000; 2000US-0246532P. PR 08-NOV-2000; 2000US-0246535P. PR 08-NOV-2000; 2000US-0246536P. PR 08-NOV-2000; 2000US-0246537P. PR 08-NOV-2000; 2000US-0246538P. PR 08-NOV-2000; 2000US-0246539P. PR 08-NOV-2000; 2000US-0246540P. PR 08-NOV-2000; 2000US-0246541P. PR 08-NOV-2000; 2000US-0246542P. PR 08-NOV-2000; 2000US-0246543P. PR 08-NOV-2000; 2000US-0246544P. PR 08-NOV-2000; 2000US-0246545P. PR 08-NOV-2000; 2000US-0246546P. PR 08-NOV-2000; 2000US-0246547P. PR 08-NOV-2000; 2000US-0246548P. PR 08-NOV-2000; 2000US-0246549P. PR 08-NOV-2000; 2000US-0246550P. PR 08-NOV-2000; 2000US-0246551P. PR 08-NOV-2000; 2000US-0246513P.

PR 17-NOV-2000; 2000US-0249207P. PR 17-NOV-2000; 2000US-0249208P. PR 17-NOV-2000; 2000US-0249209P. PR 17-NOV-2000; 2000US-0249210P. PR 17-NOV-2000; 2000US-0249211P. PR 17-NOV-2000; 2000US-0249212P. PR 17-NOV-2000; 2000US-0249213P. PR 17-NOV-2000; 2000US-0249214P. PR 17-NOV-2000; 2000US-0249215P. PR 17-NOV-2000; 2000US-0249216P. PR 17-NOV-2000; 2000US-0249217P. PR 17-NOV-2000; 2000US-0249218P. PR 17-NOV-2000; 2000US-0249219P. PR 17-NOV-2000; 2000US-0249220P. PR 01-DEC-2000; 2000US-0249224P. PR 17-NOV-2000; 2000US-0249225P. PR 17-NOV-2000; 2000US-0249226P. PR 17-NOV-2000; 2000US-0249227P. PR 17-NOV-2000; 2000US-0249228P. PR 17-NOV-2000; 2000US-0249229P. PR 17-NOV-2000; 2000US-0249230P. PR 01-DEC-2000; 2000US-0250160P. PR 05-DEC-2000; 2000US-0251030P. PR 05-DEC-2000; 2000US-0251038P. PR 05-DEC-2000; 2000US-0251990P. PR 06-DEC-2000; 2000US-0251479P. PR 08-DEC-2000; 2000US-0251856P. PR 08-DEC-2000; 2000US-0251868P. PR 08-DEC-2000; 2000US-0251869P. PR 08-DEC-2000; 2000US-0251989P. PR 08-DEC-2000; 2000US-0251990P. PR 11-DEC-2000; 2000US-0254097P. PR 05-JAN-2001; 2001US-0259678P.

XX PA (HUMA-) HUMAN GENOME SCI INC.

XX PI Rosen CA, Barash SC, Ruben SM;

XX PI WPI; 2001-483426/52.

XX PT Nucleic acids encoding human immune/hematopoietic antigen polypeptides, useful for preventing, diagnosing and/or treating cancers and metastasis.

XX PS Disclosure; SEQ ID NO 36557; 3071pp + Sequence Listing; English.

XX CC AAK54951 to AAK64702 encode the human immune/hematopoietic antigen (I) amino acid sequences given in AAM82170 to AAM91921. (I) have cytostatic activity, and can be used in gene therapy and vaccine production. (I) proteins and polynucleotides may be used in the prevention, diagnosis and treatment of diseases associated with inappropriate (I) expression. For example, they may be used to treat disorders associated with decreased expression by rectifying mutations or deletions in a patient's genome that affect the activity of (I) by expressing inactive proteins or to supplement the patient's own production of (I). Additionally, (I) polynucleotides may be used to produce the secreted (I), by inserting the nucleic acids into a host cell and culturing the cell to express the protein. (I) proteins and polynucleotides may be used to prevent, diagnose and treat immune/hematopoietic-related diseases, especially cancers and cancer metastases of haematopoietic-derived cells. AAK64703 sequences from the present invention. AAK5492 to AAK595 and AAM82169 represent sequences used in the exemplification of the present invention.

XX SQ Sequence 46553 BP; 10776 A; 11618 C; 11032 G; 13067 T; 0 U; 0 Other; Query Match 68.7%; Score 20.6; DB 4; Length 46553; Best Local Similarity 79.3%; Pred. No. 1; Mismatches 5; Indels 0; Gaps 0; Matches 23; Conservative 1; Mismatches 5; Indels 0; Gaps 0;

QY 2 AATATGCTCTGTTATGCTATGCT 30

DB 37056 AAATATTCACTGAGTGTCTATATGCT 37028

RESULT 9
 AAK67925/C
 ID AAK67925 standard; DNA; 46553 BP.
 XX
 AC AAK67926;
 XX
 DT 06-NOV-2001 (first entry)
 XX
 DE Human immune/haematopoetic antigen genomic sequence SEQ ID NO:22738.
 XX
 KW Human; immune; haematopoietic; immune/haematopoietic antigen; cancer;
 KW cytosolic; gene therapy; vaccine; metastasis; ds.
 XX
 OS Homo sapiens.
 PN WO20015182-A2.
 XX
 PD 09-AUG-2001.
 XX
 PF 17-JAN-2001; 2001WO-US001354.
 PR 31-JAN-2000; 2000US-0179065P.
 PR 04-FEB-2000; 2000US-0180628P.
 PR 24-FEB-2000; 2000US-0184664P.
 PR 02-MAR-2000; 2000US-0186350P.
 PR 16-MAR-2000; 2000US-0189874P.
 PR 17-MAR-2000; 2000US-0190076P.
 PR 18-APR-2000; 2000US-0198123P.
 PR 19-MAY-2000; 2000US-0205515P.
 PR 07-JUN-2000; 2000US-0209467P.
 PR 28-JUN-2000; 2000US-0214886P.
 PR 30-JUN-2000; 2000US-0215135P.
 PR 07-JUL-2000; 2000US-0216647P.
 PR 11-JUL-2000; 2000US-0216880P.
 PR 11-JUL-2000; 2000US-0217487P.
 PR 11-JUL-2000; 2000US-0217496P.
 PR 14-JUL-2000; 2000US-0218290P.
 PR 26-JUL-2000; 2000US-0220963P.
 PR 07-AUG-2000; 2000US-0224518P.
 PR 14-AUG-2000; 2000US-0224519P.
 PR 14-AUG-2000; 2000US-0225213P.
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 PR 14-AUG-2000; 2000US-0225266P.
 PR 14-AUG-2000; 2000US-0225267P.
 PR 14-AUG-2000; 2000US-0225268P.
 PR 14-AUG-2000; 2000US-0225270P.
 PR 14-AUG-2000; 2000US-0225447P.
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 PR 18-AUG-2000; 2000US-0226279P.
 PR 22-AUG-2000; 2000US-0226681P.
 PR 22-AUG-2000; 2000US-0226868P.
 PR 22-AUG-2000; 2000US-0227182P.
 PR 23-AUG-2000; 2000US-0227009P.
 PR 01-SEP-2000; 2000US-0229287P.
 PR 01-SEP-2000; 2000US-0229343P.
 PR 01-SEP-2000; 2000US-0229344P.
 PR 01-SEP-2000; 2000US-0229345P.
 PR 05-SEP-2000; 2000US-0229509P.
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 PR 06-SEP-2000; 2000US-0231414P.
 PR 06-SEP-2000; 2000US-0232080P.
 PR 08-SEP-2000; 2000US-0232124P.
 PR 08-SEP-2000; 2000US-0231243P.
 PR 08-SEP-2000; 2000US-0231244P.
 PR 08-SEP-2000; 2000US-0231413P.
 PR 08-SEP-2000; 2000US-0231414P.
 PR 08-SEP-2000; 2000US-0232080P.
 PR 08-SEP-2000; 2000US-0232124P.
 PR 12-SEP-2000; 2000US-0231968P.
 PR 14-SEP-2000; 2000US-0232398P.
 PR 14-SEP-2000; 2000US-0232399P.
 PR 14-SEP-2000; 2000US-0232400P.
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 PR 14-SEP-2000; 2000US-0233064P.
 PR 14-SEP-2000; 2000US-0233065P.
 PR 21-SEP-2000; 2000US-0234223P.
 PR 25-SEP-2000; 2000US-0232419P.
 PR 26-SEP-2000; 2000US-0235484P.
 PR 27-SEP-2000; 2000US-0235844P.
 PR 29-SEP-2000; 2000US-0236327P.
 PR 29-SEP-2000; 2000US-0236367P.
 PR 29-SEP-2000; 2000US-0236368P.
 PR 29-SEP-2000; 2000US-0236399P.
 PR 29-SEP-2000; 2000US-0236300P.
 PR 02-OCT-2000; 2000US-0236802P.
 PR 02-OCT-2000; 2000US-0237037P.
 PR 02-OCT-2000; 2000US-0237038P.
 PR 02-OCT-2000; 2000US-0237039P.
 PR 02-OCT-2000; 2000US-0237040P.
 PR 13-OCT-2000; 2000US-0239935P.
 PR 20-OCT-2000; 2000US-0241809P.
 PR 20-OCT-2000; 2000US-0241840P.
 PR 20-OCT-2000; 2000US-0241846P.
 PR 20-OCT-2000; 2000US-0241785P.
 PR 20-OCT-2000; 2000US-0241786P.
 PR 20-OCT-2000; 2000US-0241787P.
 PR 01-NOV-2000; 2000US-0244617P.
 PR 08-NOV-2000; 2000US-0246474P.
 PR 08-NOV-2000; 2000US-0246475P.
 PR 08-NOV-2000; 2000US-0246476P.
 PR 08-NOV-2000; 2000US-0246577P.
 PR 08-NOV-2000; 2000US-0246578P.
 PR 08-NOV-2000; 2000US-0246532P.
 PR 08-NOV-2000; 2000US-0246533P.
 PR 08-NOV-2000; 2000US-0246535P.
 PR 08-NOV-2000; 2000US-0246536P.
 PR 08-NOV-2000; 2000US-0246611P.
 PR 08-NOV-2000; 2000US-0246613P.
 PR 17-NOV-2000; 2000US-0249208P.
 PR 17-NOV-2000; 2000US-0249209P.
 PR 17-NOV-2000; 2000US-0249210P.
 PR 17-NOV-2000; 2000US-0249211P.
 PR 17-NOV-2000; 2000US-0249212P.
 PR 17-NOV-2000; 2000US-0249213P.
 PR 17-NOV-2000; 2000US-0249214P.
 PR 17-NOV-2000; 2000US-0249215P.
 PR 17-NOV-2000; 2000US-0249216P.
 PR 17-NOV-2000; 2000US-0249217P.
 PR 17-NOV-2000; 2000US-0249218P.
 PR 17-NOV-2000; 2000US-0249244P.
 PR 01-DEC-2000; 2000US-0250160P.
 PR 01-DEC-2000; 2000US-0250391P.

The invention relates to a method of determining susceptibility of an individual to joint space narrowing and/or osteophyte development and/or joint pain comprising identifying whether the individual has at least one polymorphism in a polynucleotide encoding at least one of the protein listed in the specification. The methods, composition and agent are useful for modulating the susceptibility of an individual to joint space narrowing and/or osteophyte development and/or joint pain that is associated with a disease, preferably osteoarthritis. The cell line and the non-human animal are useful for screening for an agent for diagnosing an individual having susceptibility to joint space narrowing and/or osteophyte development and/or joint pain. This sequence corresponds to the polynucleotide encoding a protein listed in the specification. (Note: The sequence data for this patent did not form part of the printed specification but was obtained in electronic format directly from WIPO at ftp://wipo.int/pub/published_pct_sequences).

Sequence 167932 BP; 42550 A; 42808 C; 42441 G; 40130 T; 0 U; 3 Other; CC
 CC joint pain comprising identifying whether the individual has at least one CC polymorphism in a polynucleotide encoding at least one of the protein CC listed in the specification. The methods, composition and agent are CC useful for modulating the susceptibility of an individual to joint space CC narrowing and/or osteophyte development and/or joint pain that is CC associated with a disease, preferably osteoarthritis. The cell line and CC the non-human animal are useful for screening for an agent for diagnosing CC an individual having susceptibility to joint space narrowing and/or CC osteophyte development and/or joint pain. This sequence corresponds to CC the polynucleotide encoding a protein listed in the specification. (Note: CC The sequence data for this patent did not form part of the printed CC specification but was obtained in electronic format directly from WIPO at CC ftp://wipo.int/pub/published_pct_sequences).

Sequence 167932 BP; 42550 A; 42808 C; 42441 G; 40130 T; 0 U; 3 Other; XX
 Query Match 68.7%; Score 20.6; DB 10; Length 167932; CC
 Best Local Similarity 79.3%; Pred. No. 2.1e+02; XX
 Matches 23; Conservative 1; Mismatches 5; AC
 Qy 2 AAATATGCTGTGTTATATGCTATAGCT 30 AC
 Db 47208 AATATTCACTGACTGTCCTATATGCT 47236 AC
 RESULT 12 AC
 ID ABI05214 XX
 ABI05214 standard; cDNA; 4141 BP. XX
 AC ABI05214; XX
 DT 26-MAR-2002 (first entry) XX
 XX DB Drosophila melanogaster expressed polynucleotide SEQ ID NO 10124. XX
 XX KW Drosophila; developmental biology; cell signalling; insecticide; XX
 KW pharmaceutical; gene; ss. XX
 OS Drosophila melanogaster. XX
 PN WO200171042-A2. PN
 XX PD 27-SEP-2001. XX
 XX PR 23-MAR-2002 (first entry) PR
 XX PR 23-MAR-2002 (first entry) PR
 XX PR 23-MAR-2000; 2000US-0191637P. PR
 XX PR 11-JUL-2000; 2000US-00614150. PR
 XX PA (PEKE) PE CORP NY. PA
 XX PI Venter JC, Adams M, Li PWD, Myers EW; PI
 XX DR WPI; 2001-656860/75. DR
 XX P-PSDB; ABB61235. P-PSDB
 XX PT New isolated nucleic acid detection reagent for detecting 1000 or more PT genes from Drosophila and for elucidating cell signaling and cell-cell interactions. XX
 PS Claim 1; SEQ ID NO 10496; 21pp + Sequence Listing; English. PS
 XX The invention relates to an isolated nucleic acid detection reagent XX capable of detecting 1000 or more genes from Drosophila. The invention is XX useful in developmental biology and in elucidating cell signalling and XX cell-cell interactions in higher eukaryotes for the development of XX insecticides, therapeutics and pharmaceutical drugs. The invention XX discloses genomic sequences (ABI016176-ABI020511), expressed DNA XX sequences (ABI01840-ABI16175) and the encoded proteins (ABB57737-XX ABB72072). The sequence data for this patent did not form part of the XX printed specification, but was obtained in electronic format directly XX from WIPO at ftp://wipo.int/pub/published_pct_sequences XX
 Sequence 4164 BP; 947 A; 1030 C; 1101 G; 1086 T; 0 U; 0 Other; XX
 PS Query Match 69.0%; Score 20.4; DB 4; Length 4164; XX
 Best Local Similarity 87.5%; Pred. No. 1.8e+02; XX
 Matches 21; Conservative 1; Mismatches 2; Indels 0; Gaps 0; XX
 Qy 4 ATATGCTGTGTTATATGCTATAGCT 27 XX
 Db 1990 ATATGCTGTGTTATATGCTATATGCTAT 2013 XX
 RESULT 14 XX

Tue Feb 15 10:07:45 2005

seq1-191to220.rng

Page 11

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GenCore version 5.1.6

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363.478 Million cell updates/sec

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Searched: 5378673 seqs, 2950229984 residues

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Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Listing first 45 summaries

Database : Published Applications NA.*

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22: /cgn2_6/ptodata/2/pubpna/us60_pubcomb.seq: *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

RESULT 1
US-10-005-117-31/c
; Sequence 31, Application US/10085117
; Publication No. US20030222334A1
; GENERAL INFORMATION:
; APPLICANT: Morris, David W.
; APPLICANT: Englehard, Eric K.
; TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR CANCER
; FILE REFERENCE: 52452000121
; CURRENT APPLICATION NUMBER: US/10/085,117
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 09/758,586
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 361
; SOFTWARE: FASTSEQ For Windows Version 4.0
; SEQ ID NO 31
; LENGTH: 78953
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE: NAME/KEY: variation
; LOCATION: (1)...(78953)
; OTHER INFORMATION: n = any nucleotide
; US-10-085-117-31

Query Match 74.0% ; Score 22.2; DB 17; Length 78953;
Best Local Similarity 82.8%; Prod. No. 1.1e+02;
Matches 24; Conservative 1; Mismatches 4; Indels 0; Gaps 0;
QY 1 TAATATGTCTGTATATGTATATGC 29
Db 12194 TCATATACCTCTGTATATGTATAGTC 12166

Result No.	Score	Query Match	Length	DB ID	Description
C 1	22.2	74.0	78953	17	US-10-085-117-31 Sequence 31, Appl
C 2	21.2	70.7	381	18	US-10-437-963-3640 Sequence 340, Appl
C 3	21.2	70.7	1273	15	US-10-017-161-2339 Sequence 2339, Appl
C 4	21.2	70.7	1273	17	US-10-292-798-1985 Sequence 1985, Appl
C 5	20.8	69.3	42079	19	US-10-741-601-17906 Sequence 17906, Appl
C 6	20.8	69.3	260549	19	US-10-741-601-17906 Sequence 17723, Appl
C 7	20.6	68.7	174	13	US-10-027-632-254267 Sequence 254267, Appl
C 8	20.6	68.7	174	17	US-10-027-632-254267 Sequence 254267, Appl
C 9	20.6	68.7	59001	17	US-10-181-18-13 Sequence 13, Appl
C 10	20.2	67.3	5939	18	US-10-671-124-12383 Sequence 12383, Appl
C 11	20.2	67.3	507	13	US-10-027-632-246790 Sequence 246790, Appl

RESULT 2
 US-10-437-963-3640
 ; Sequence 3640, Application US/10437963
 ; Publication No. US20040123343A1
 ; GENERAL INFORMATION:
 ; APPLICANT: La Rosa, Thomas J
 ; APPLICANT: Kovalic, David K.
 ; APPLICANT: Zhou, Yihua
 ; APPLICANT: Cao, Yongwei
 ; APPLICANT: Wu, Wei
 ; APPLICANT: Boukharov, Andrey A.
 ; APPLICANT: Barbazuk, Brad
 ; APPLICANT: Li, Ping
 ; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
 ; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
 ; FILE REFERENCE: 38-211(53221)B
 ; CURRENT APPLICATION NUMBER: US/10/437, 963
 ; CURRENT FILING DATE: 2003-05-14
 ; NUMBER OF SEQ ID NOS: 204966
 ; SEQ ID NO 3640
 ; LENGTH: 381
 ; TYPE: DNA
 ; ORGANISM: Oryza sativa
 ; FEATURE:
 ; OTHER INFORMATION: Clone ID: PAT_MRT4530_10597C.1
 ; US-10-437-963-3640

Query Match 70.7%; Score 21.2; DB 15; Length 1273;
 Best Local Similarity 82.1%; Pred. No. 1.4e+02; 4; Indels 0; Gaps 0;
 Matches 23; Conservative 1; Mismatches 4; Index 0;

Qy 1 TAATATGCTCTGTRATATGCTATG 28
 Db 855 TATATATACCTGTATATATATG 882

RESULT 4
 US-10-292-798-1985
 ; Sequence 1985, Application US/10292798
 ; Publication No. US20030235833A1
 ; GENERAL INFORMATION:
 ; APPLICANT: SUWA, MAKIKO
 ; APPLICANT: ASAI, KIYOSHI
 ; APPLICANT: AKIYAMA, YUTAKA
 ; APPLICANT: ABURATANI, HIROYUKI
 ; TITLE OF INVENTION: GUANOSINE TRIPHOSPHATE-BINDING PROTEIN COUPLED RECEPTORS
 ; FILE REFERENCE: 0843351/66
 ; CURRENT APPLICATION NUMBER: US/10/292, 798
 ; CURRENT FILING DATE: 2002-11-13
 ; PRIOR APPLICATION NUMBER: 10/017, 161
 ; PRIOR FILING DATE: 2001-12-18
 ; PRIOR APPLICATION NUMBER: JP 2001-246789
 ; SOFTWARE: Patentin Ver. 2.1
 ; SEQ ID NO 1985
 ; LENGTH: 1273
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; LOCATION: source
 ; FEATURE:
 ; LOCATION: (1)..(1273)
 ; FEATURE:
 ; NAME/KEY: CDS
 ; LOCATION: (201)..(1073)
 ; FEATURE:
 ; NAME/KEY: modified_base
 ; LOCATION: (445)..(544)
 ; OTHER INFORMATION: a, t, c, g, unknown or other
 ; FEATURE:
 ; NAME/KEY: modified_base
 ; LOCATION: (597)..(597)
 ; OTHER INFORMATION: a, t, c, g, unknown or other
 ; US-10-292-798-1985

Query Match 70.7%; Score 21.2; DB 17; Length 1273;
 Best Local Similarity 82.1%; Pred. No. 1.4e+02; 4; Indels 0; Gaps 0;
 Matches 23; Conservative 1; Mismatches 4; Index 0;

Qy 1 TAATATGCTCTGTRATATGCTATG 28
 Db 855 TATATATACCTGTATATATATG 882

RESULT 5
 US-10-741-600-17906
 ; Sequence 17906, Application US/10741600
 ; Publication No. US20050026169A1
 ; GENERAL INFORMATION:
 ; APPLICANT: CARGIL, Michele et al.
 ; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
 ; TITLE OF INVENTION: MYOCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF
 ; FILE REFERENCE: C1001499
 ; CURRENT APPLICATION NUMBER: US/10/741, 600
 ; CURRENT FILING DATE: 2003-12-22
 ; NUMBER OF SEQ ID NOS: 7397
 ; SOFTWARE: fasts80 for Windows Version 4.0
 ; SEQ ID NO 17906
 ; LENGTH: 42079

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; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-741-600-17906

Query Match 69.3%; Score 20.8; DB 19; Length 42079; Gaps 0;
Best Local Similarity 84.6%; Pred. No. 3.5e+02; Matches 22; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
Qy 2 AAATATGCTCTGTRATATGCTAT 27
Db 35433 ATATATGCTATATATATGCTAT 35458

RESULT 6
US-10-741-600-17723/c
; Sequence 17723, Application US/10741600
; Publication No. US20050026169A1
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH MYOCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001499
; CURRENT APPLICATION NUMBER: US/10/741,600
; CURRENT FILING DATE: 2003-12-22
; NUMBER OF SEQ ID NOS: 73997
; SEQ ID NO: 17723
; LENGTH: 260549
; SOFTWARE: FastSEQ for Windows Version 4.0
; TYPE: DNA
; ORGANISM: Homo sapiens

Qy 2 AAATATGCTCTGTRATATGCTAT 27
Db 141470 ATATATGCTATATATATGCTAT 141445

RESULT 7
US-10-027-632-254267
; Sequence 254267, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827-129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIORITY APPLICATION NUMBER: US 60/218,006
; PRIORITY FILING DATE: 2000-07-12
; PRIORITY APPLICATION NUMBER: US 60/198,676
; PRIORITY FILING DATE: 2000-04-20
; PRIORITY APPLICATION NUMBER: US 60/193,483
; PRIORITY FILING DATE: 2000-03-29
; PRIORITY APPLICATION NUMBER: US 60/185,218
; PRIORITY FILING DATE: 2000-02-24
; PRIORITY APPLICATION NUMBER: US 60/167,363
; PRIORITY FILING DATE: 1999-11-23
; PRIORITY APPLICATION NUMBER: US 60/156,358
; PRIORITY FILING DATE: 1999-09-28
; PRIORITY APPLICATION NUMBER: US 60/146,002
; PRIORITY FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 254267
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Human
; US-10-027-632-254267

Query Match 69.3%; Score 20.8; DB 19; Length 260549; Gaps 0;
Best Local Similarity 84.6%; Pred. No. 4.6e+02; Matches 22; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
Qy 2 AAATATGCTCTGTRATATGCTAT 27
Db 141470 ATATATGCTATATATATGCTAT 141445

RESULT 7
US-10-027-632-254267
; Sequence 254267, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827-129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIORITY APPLICATION NUMBER: US 60/218,006
; PRIORITY FILING DATE: 2000-07-12
; PRIORITY APPLICATION NUMBER: US 60/198,676
; PRIORITY FILING DATE: 2000-04-20
; PRIORITY APPLICATION NUMBER: US 60/193,483
; PRIORITY FILING DATE: 2000-03-29
; PRIORITY APPLICATION NUMBER: US 60/185,218
; PRIORITY FILING DATE: 2000-02-24
; PRIORITY APPLICATION NUMBER: US 60/167,363
; PRIORITY FILING DATE: 1999-11-23
; PRIORITY APPLICATION NUMBER: US 60/156,358
; PRIORITY FILING DATE: 1999-09-28
; PRIORITY APPLICATION NUMBER: US 60/146,002
; PRIORITY FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 254267
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Human
; US-10-027-632-254267

Query Match 68.7%; Score 20.6; DB 17; Length 1174; Gaps 0;
Best Local Similarity 79.3%; Pred. No. 2.4e+02; Matches 23; Conservative 1; Mismatches 5; Indels 0; Gaps 0;
Qy 1 TAATATGCTCTGTRATATGCTAT 29
Db 953 TAAGAATCTCTTCTACATGCTGTATGC 981

RESULT 9
US-10-173-718-13
; Sequence 13, Application US/10173718
; Publication No. US20030232437A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF VEGF-C EXPRESSION
; FILE REFERENCE: PTS-036
; CURRENT APPLICATION NUMBER: US/10/173,718
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 125
; SEQ ID NO: 13
; LENGTH: 59001
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE: misc feature
; NAME/KEY: misc feature
; LOCATION: 10057-10156
; OTHER INFORMATION: n = A,T,C or G

Qy 1 TAATATGCTCTGTRATATGCTAT 29
Db 953 TAAGAATCTCTTCTACATGCTGTATGC 981

RESULT 8
US-10-027-632-254267
; Sequence 254267, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827-129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIORITY APPLICATION NUMBER: US 60/218,006
; PRIORITY FILING DATE: 2000-07-12
; PRIORITY APPLICATION NUMBER: US 60/198,676
; PRIORITY FILING DATE: 2000-04-20
; PRIORITY APPLICATION NUMBER: US 60/193,483
; PRIORITY FILING DATE: 2000-03-29
; PRIORITY APPLICATION NUMBER: US 60/185,218
; PRIORITY FILING DATE: 2000-02-24
; PRIORITY APPLICATION NUMBER: US 60/167,363
; PRIORITY FILING DATE: 1999-11-23
; PRIORITY APPLICATION NUMBER: US 60/156,358
; PRIORITY FILING DATE: 1999-09-28
; PRIORITY APPLICATION NUMBER: US 60/146,002
; PRIORITY FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 254267
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Human
; US-10-027-632-254267

Query Match 68.7%; Score 20.6; DB 13; Length 1174; Gaps 0;
Best Local Similarity 79.3%; Pred. No. 2.4e+02; Matches 23; Conservative 1; Mismatches 5; Indels 0; Gaps 0;
Qy 1 TAATATGCTCTGTRATATGCTAT 29
Db 953 TAAGAATCTCTTCTACATGCTGTATGC 981

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; NAME/KEY: misc feature
; LOCATION: 53857-53956
; OTHER INFORMATION: n = A,T,C or G
; US-10-173-718-13

Query Match Best Local Similarity 68.7%; Score 20.6; DB 17; Length 59001;
Matches 23; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Qy 2 AAATATGCTCTGTRATATGCTATAG 28
Db 33098 AAATATGCTCTGCTTATATGATAG 33124

RESULT 10
US-10-674-124A-12393/C
; Sequence 12383, Application US/10674124A
; Publication No. US2000019797A1

; GENERAL INFORMATION:
; APPLICANT: INOKO, Hiroyoshi
; APPLICANT: TAMIYA, Gen
; TITLE OF INVENTION: GENE MAPPING METHOD USING MICROSATELLITE
; FILE REFERENCE: ORIN-003CIP
; CURRENT APPLICATION NUMBER: US/10/674,124A
; CURRENT FILING DATE: 2003-09-26
; PRIOR APPLICATION NUMBER: 10/257,511
; PRIOR FILING DATE: 2003-03-07
; PRIOR APPLICATION NUMBER: PCT/JP00/07621
; PRIOR FILING DATE: 2000-10-30
; PRIOR APPLICATION NUMBER: JP2000-112699
; PRIOR FILING DATE: 2000-04-13
; PRIOR APPLICATION NUMBER: JP2002-327516
; PRIOR FILING DATE: 2002-09-28
; PRIOR APPLICATION NUMBER: JP2002-383869
; PRIOR FILING DATE: 2002-12-09
; NUMBER OF SEQ ID NOS: 27110
; SEQ ID NO 12383
; LENGTH: 359

Query Match Best Local Similarity 68.7%; Score 20.6; DB 17; Length 59001;
Matches 23; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Qy 2 AAATATGCTCTGTRATATGCTATAG 28
Db 33098 AAATATGCTCTGCTTATATGATAG 33124

RESULT 11
US-10-027-632-246791
; Sequence 12383, Application US/10674124A
; Publication No. US2000019797A1

; GENERAL INFORMATION:
; APPLICANT: WANG, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: ORIN-003CIP
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-03-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 322720
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 246791
; LENGTH: 507
; TYPE: DNA
; ORGANISM: Human
; US-10-027-632-246790

Query Match Best Local Similarity 67.3%; Score 20.2; DB 13; Length 507;
Matches 22; Conservative 2; Mismatches 5; Indels 0; Gaps 0;
Qy 1 TAATATGCTCTGTRATATGCTATAG 27
Db 137 TAATATGCTCTGTRATATGCTATAG 111

RESULT 11
US-10-027-632-246790
; Sequence 246790, Application US/10027632
; PUBLICATION NO. US002019837A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827-129

Query Match Best Local Similarity 67.3%; Score 20.2; DB 13; Length 507;
Matches 22; Conservative 2; Mismatches 5; Indels 0; Gaps 0;
Qy 1 TAATATGCTCTGTRATATGCTATAG 29
Db 256 TAATATGCTCTGTRATATGCTATAG 284

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RESULT 13
; Sequence 246790, Application US/10027632
; Publication No. US2003004075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827-129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastqSEQ for Windows Version 4.0
; SEQ ID NO: 246790
; LENGTH: 507
; TYPE: DNA
; ORGANISM: Human
; US-10-027-632-246790

Query Match 67.3%; Score 20.2; DB 17; Length 507;
Best Local Similarity 75.9%; Pred. No. 3e+02;
Matches 22; Conservative 2; Mismatches 5; Indels 0; Gaps 0;
QY 1 TAATATGCTCTGTRATATGCTATGC 29
Db 256 TAATATTTGATGTTCTGCTATGC 284

RESULT 14
; Sequence 246791, Application US/10027632
; Publication No. US2003004075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827-129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/303,899
; PRIOR FILING DATE: 2001-04-23
; PRIOR APPLICATION NUMBER: US 60/285,697
; PRIOR FILING DATE: 2001-04-27
; PRIOR APPLICATION NUMBER: US 60/295,890
; PRIOR FILING DATE: 2001-06-05
; PRIOR APPLICATION NUMBER: US 60/303,899
; PRIOR FILING DATE: 2001-07-09
; PRIOR APPLICATION NUMBER: US 60/316,362
; PRIOR FILING DATE: 2001-08-31
; NUMBER OF SEQ ID NOS: 8603
; SOFTWARE: Patentin version 3.1
; SEQ ID NO: 428
; LENGTH: 2967
; TYPE: DNA
; ORGANISM: Aspergillus fumigatus
; US-10-128-714-428

Query Match 67.3%; Score 20.2; DB 15; Length 2967;
Best Local Similarity 81.5%; Pred. No. 4e+02;
Matches 22; Conservative 1; Mismatches 4; Indels 0; Gaps 0;
QY 1 TAATATGCTCTGTRATATGCTATGC 27
Db 441 TCATATCTCTGTATGTTGACTAT 467

Search completed: February 14, 2005, 22:52:57
Job time : 489 secs

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